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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Herr et al.

Application No.: 09/720,282

Filed: March 26, 2001

For: EGG-SURFACE PROTEINS AND
METHODS OF THEIR USE FOR
MODULATING FERTILITY

Art Unit: 1644

Examiner: Patrick J. Nolan

Attorney Docket No.: 9426-004

Confirmation No.: 1066

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RESPONSE UNDER 37 C.F.R. § 1.111 WITH AMENDMENT

Assistant Commissioner for Patents
Box SEQUENCE
P.O. Box 2327
Arlington, VA 22202

Sir:

In response to the Notice to Comply with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed September 30, 2002 ("Notice to Comply"), please enter the following amendments and consider the remarks below in connection with of the above-captioned application. Attached as Exhibit A is a marked-up version of the paragraphs of the specification amended herein. Further, Applicants submit herewith (a) a Transmittal of Substitute Sequence Listing Under 37 C.F.R. § 1.821 with paper and computer-readable copies of the substitute Sequence Listing; and (b) a copy of the Notice to Comply.

IN THE SPECIFICATION:

Please amend the specification as follows:

On page 75, line 15, replace Table 1 with the following table:

TABLE 1

Protein Identification	Protein Coordinates	% of Known Sequence	Type of Membrane Attachment	First Time Identified in Mammalian Egg
1 = Novel	MW 120, pI 4.3	N/A	N/A	N/A
2 = Calnexin	MW 107, pI 4.4	6%	integral	yes
3 = HSP 78 (BIP)	MW 78, pI 4.82	30%	none reported	yes